

Goat Growth Regulated Oncogene Beta ELISA Kit | GROb elisa kit

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CATALOG #
AAA92447

REACTIVITY
Goat

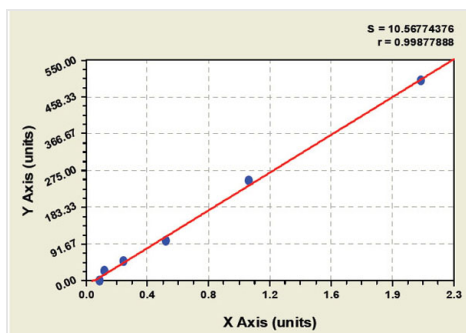
PRODUCT SYNONYMS

Growth Regulated Oncogene Beta; Goat Growth Regulated Oncogene Beta ELISA Kit; GROb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GROb elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This GRO? ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat GRO?. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY GRO? ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for GRO?. Standards or samples are then added to the microtiter plate wells and GRO? if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of GRO? present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for GRO? are added to each well to "sandwich" the GRO? immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain GRO? and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GRO? concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	114326491
NCBI GeneID	281734
NCBI Accession #	NP_001041630.1
NCBI GenBank Nucleotide #	NM_001048165.1
Molecular Weight	10,950 Da
NCBI Official Full Name	growth-regulated protein homolog beta
NCBI Official Symbol	CXCL2
NCBI Official Synonym Symbols	GRO2; GROB; GROX
NCBI Protein Information	growth-regulated protein homolog beta; GRO-beta; growth related oncogene X; GRO2, growth related gene 2 (GRO2 oncogene)
UniProt Protein Name	Growth-regulated protein homolog beta
UniProt Gene Name	GRO-beta
UniProt Synonym Gene Names	GRO-beta
UniProt Entry Name	GROB_BOVIN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.